Bulldog III

USER MANUAL

Installation, Warranty and Service Information

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LONG RANGE SYSTEMS

Long Range Systems On-Premise Paging Solutions are cutting edge products with first rate service to satisfy customer needs for years to come. Thorough familiarity with these instructions and procedures will ensure proper operation and maintenance of the system. Assistance is always available for any Long Range product by calling

(800) 437-4996 or (214) 553-5308

Please do not hesitate to call with any questions.

NOTE: This guide should be kept readily available for managers and key staff.

GENERAL INFORMATION

General

The Bulldog is a device designed to prevent the theft of pagers from the premises. When a pager comes within the set range of the Bulldog, the pager will vibrate and/or beep to alert the patron that they still have the pager and need to return it.

When mounting the Bulldog, it is recommended to select a location near a standard 110-Vac electrical outlet.

Pager Alert Notification

Staff Pagers:

Staff pagers require the second switch on the 3 position switch to be set to the ON position (see page 5)

- RX-SP5 – 1-Line Rechargeable Alphanumeric pager: Beeps, display shows "Please return pager."
- RX-E467 – 4-Line Battery Operated Alphanumeric pager: Beeps, display shows "Please return pager."
- RX-SP4 – Rechargeable Staff pager: Lights flash, pager vibrates.

Guest Pagers:

Guest pagers require the first switch on the 3 position switch to be set to ON position (see page 5)

- RX-CB4, RX-CC4, RX-CG4, RX-CS4, RX-CS4NP – Coasters: Lights flash, pager vibrates or beeps.
- RX-LP – Lobster Calls: Lights flash, pager vibrates or beeps.
- RX-AT4 – Adverteaser (Paddle Pager): Lights flash, pager vibrates or beeps.
- RX-PZ4 – Pizza Pager: Lights flash, pager vibrates or beeps.

Alpha Coasters:

Alpha Coasters need to be in STAFF mode, setting the second switch on the 3 position switch to the ON position (see page 5)

- RX-AC-BL, RX-AC-SM – Alpha Coaster: Display shows "Please return pager", pager beeps.

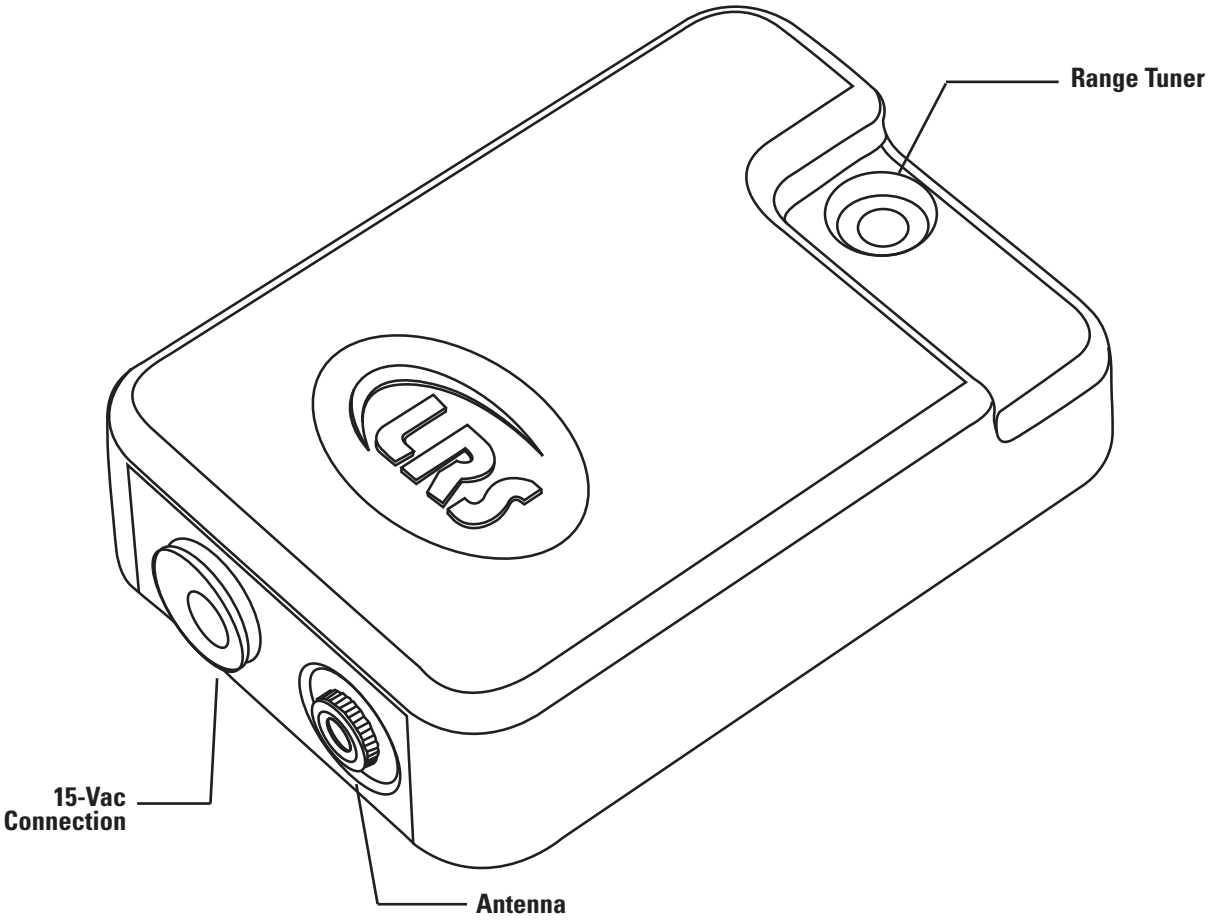
INSTALLATION

Optional Tools

Slot or Phillips head screwdriver with a 2.5mm tip.

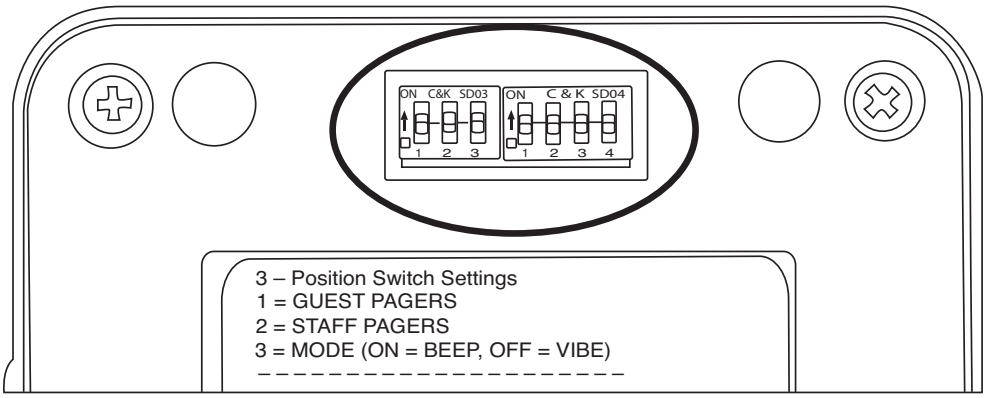
Hardware Provided

The system contains the Bulldog, an instruction booklet, an antenna, strip of Velcro, tuning stick, 4 antenna mounts, and a 15-Vac power adapter.



Setup

1. Set the DIP Switches, located on bottom of the Bulldog, to the desired settings.



2. Set the 3-position switch to set pager type and mode.
   - To Alert Guest Pagers – Set 1 to ON and 2 to OFF.
   - To Alert Staff Pagers – Set 1 to OFF and 2 to ON.

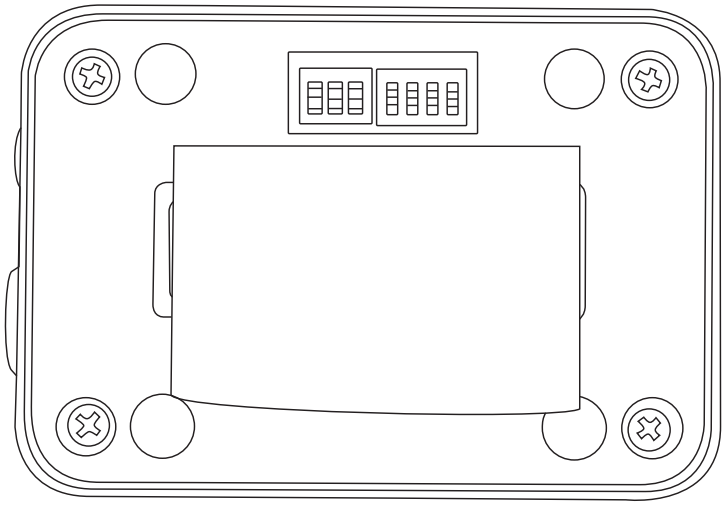
Notes: For proper functioning, set the Bulldog to alert either Staff or Guest
   - 3: Set to ON to alert using beeps. Set to OFF to alert using the vibrations.

3. Set the 4-postion switch to the ID number of the pagers. Use the following table to set the switch positions:

		Switch			
	ID	1	2	3	4
ID	0	OFF	OFF	OFF	OFF
	1	ON	OFF	OFF	OFF
	2	OFF	ON	OFF	OFF
	3	ON	ON	OFF	OFF
	4	OFF	ON	ON	OFF
	5	ON	OFF	ON	OFF
	6	OFF	ON	ON	OFF
	7	ON	ON	ON	OFF
	8	OFF	OFF	OFF	ON
	9	ON	OFF	OFF	ON
	10	OFF	ON	OFF	ON
	11	ON	ON	OFF	ON
	12	OFF	OFF	ON	ON
	13	ON	OFF	ON	ON
	14	OFF	ON	ON	ON
	15	ON	ON	ON	ON

Example: To set for ID = 0, set all 4-position switches to the OFF (down) position.

4. As required, attach the self-adhesive Velcro to the Bulldog.

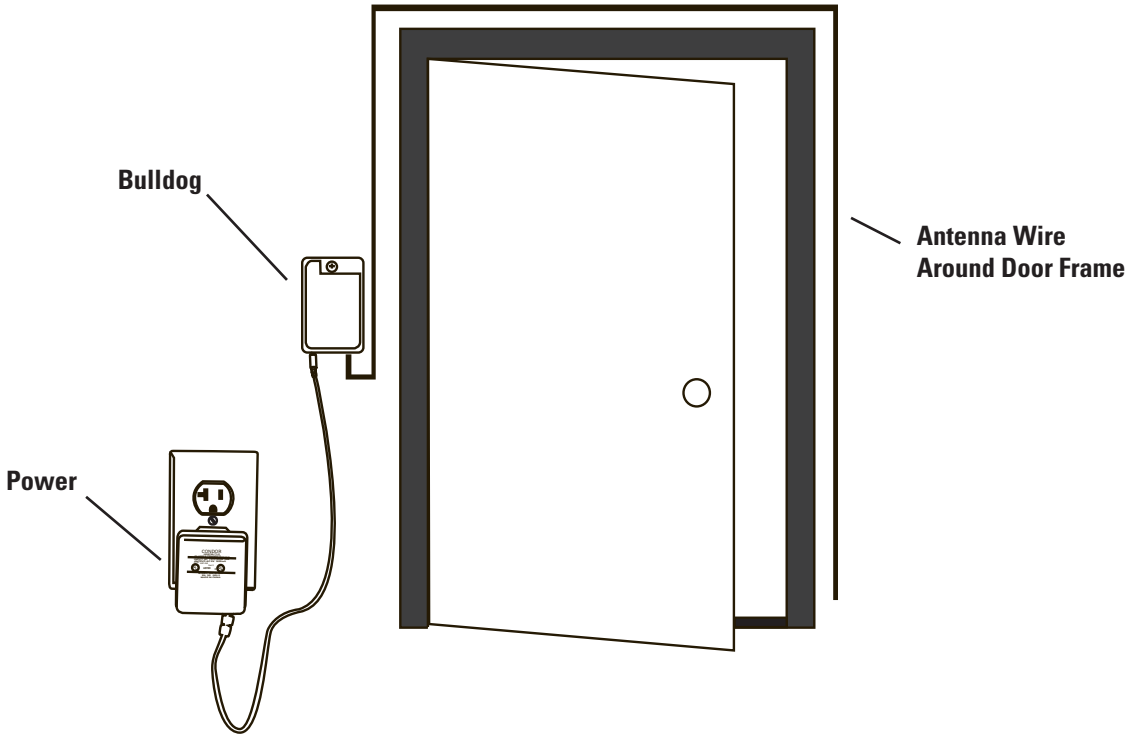


Mounting

Notes:

- This device is not an outdoor unit.
- Mounting the Bulldog immediately next to a metal door frame will reduce the transmitting range. Allow a few extra inches of separation between the frame and the Bulldog with antenna.
- If possible, mount antenna on exterior of door frame (opposite of the dining area.)

1. Place the second half of Velcro on pre-determined location. Mount the Bulldog to the wall.
2. Connect Power.
3. Insert the antenna plug into the Bulldog.
4. Run the antenna around the door frame. Use the provided antenna mounts to secure the antenna.

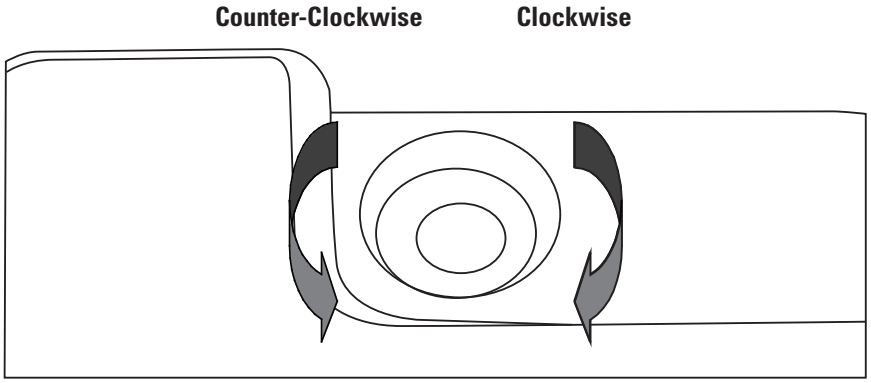


Range Tuning

The Bulldog has a tunable range for setting off pagers. The Range Tuner, located on the front of the Bulldog, can be adjusted to set the range as desired. Default setting when shipped is at maximum.

To adjust the range, have a charger, 1 fully charged pager, and a tuning stick available (Notes: keep the charger at least 30 feet away from the Bulldog), then:

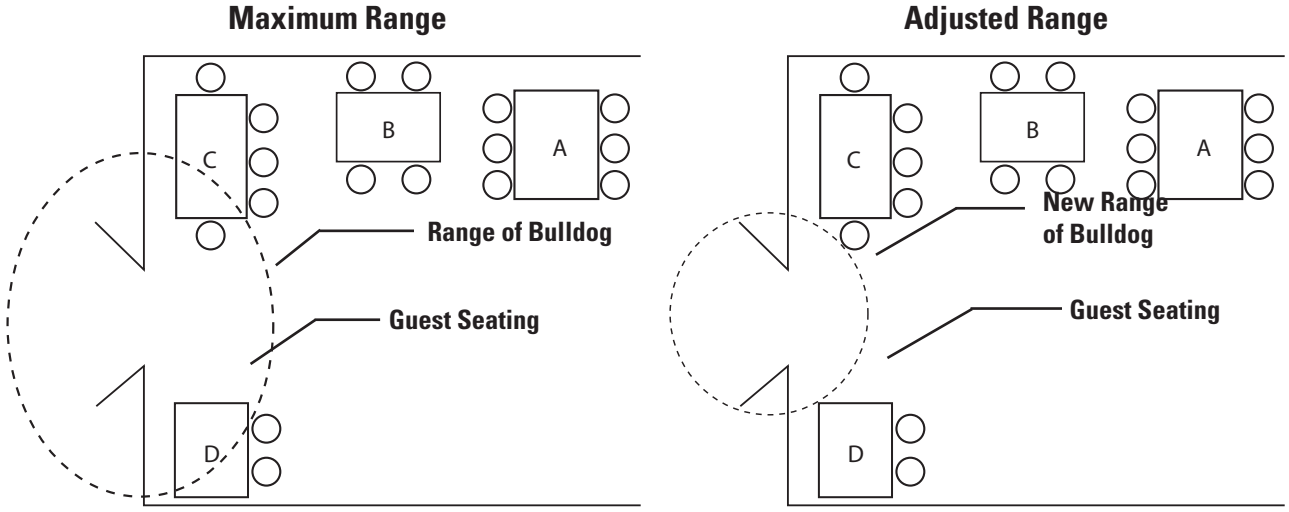
1. Reset the pager by removing it from the charger. After the pager finishes blinking/vibrating, approach the Bulldog at a normal walking pace. When the pager begins to constantly vibrate and or beep, this is the current range of the Bulldog.
2. Place the pager on charger to stop the vibrating/beeping.
3. Use the tuning stick to adjust the Range Tuner:
   - Clockwise to increase the range
   - Counter-clockwise to decrease the range.



4. Repeat steps 1 through 3 until desired range is set.

Notes:

- The Bulldog has less range with moving pagers than stationary pagers. Example: Customer's pager sitting at Table B may go off even though a person walking would be set off only a few feet from the door.
- When mounting and setting the Range of the Bulldog, keep in mind the location of where patrons will sit or wait. If the Bulldog is located near eating tables or a waiting area, adjust the range or position so the customers are not getting unneeded pages.



TROUBLESHOOTING

Pagers are not being set off?

1. Be sure Bulldog power is plugged in and LEDs around Range Tuner are on.
2. Be sure antenna is plugged in.
3. Be sure range is set.
4. Check System ID of pagers (check using LRS transmitter.)
5. Check ID set for the 4-position switch, reference table on page 5.
6. Check if 3-Postion switch is set for using Guest or Server pagers. The system will operate in either Guest or Server mode; do not operate both modes simultaneously.

WHAT TO DO IF THE SYSTEM MALFUNCTIONS

Should your system ever fail to function properly call Long Range Systems at (800) 437-4996 Monday through Friday 8:30 AM to 5:00 PM Central Time.

- After hours, please leave a message on the technical support line.
- After hours and on weekends, LRS technicians are paged whenever a message is left on the tech support line.
- Long Range will return the call as soon as possible.
- Please keep in mind that options are limited over the weekend.

System Repair After the Warranty Expires?

We suggest calling Long Range Systems before sending a non-warranty item in for repair.

** Out of warranty items will be repaired and sent back C.O.D.

Ordering Additional Equipment

Call Long Range Systems @ (800) 437-4996 for an order form and ordering instructions. Fax the Order sheet back to Long Range Systems at (214) 221-0160. No cover sheet needed.

Warranty

Long Range Systems, Inc. warrants this product against any defects that are due to faulty material or workmanship for a two-year period after the original date of consumer purchase. This warranty does not include damage to the product resulting from accident, misuse or improper electrical connection. If this product should become defective within the warranty period, we will repair or replace it with an equivalent product, free of charge. LRS will return your product via UPS ground shipping. All warranty claims must be initiated through our customer service department.

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EU DECLARATION OF CONFORMITY

We, Long Range Systems hereby declare under our sole responsibility that the Bulldog paging transmitters and on-site pagers comply with the essential requirements in the European RE&TTE Directive 1999/5/EC of the European Parliament of the Council of 9 March 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity. The following standards were utilized:

ETS 300 224: 1998

EN 301 489-2: 2002

EN61000-3-2: 1998

EN 61000-3-3: 1995

EN 60950: 1992 with A1, A2, & A3